



Angiogenesis and Anti-angiogenesis, Options for Treatment of Severe Disorders

Guest Editor:

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Message from the Guest Editor

In addition to physiologic angiogenesis, leading to neovascularization and required for healing processes, the term “therapeutic angiogenesis” has been adopted in the search for treatment of ischemic conditions. On the other hand, since Folkman’s first publications in the early 1970s, the importance of anti-angiogenesis in cancer treatment has been evident. More recently, combinations of immune therapy and anti-angiogenetic treatment have been developed.

Regarding therapeutic angiogenesis with gene and cell therapy, various methods have been used in ischemic cardiovascular disease, including peripheral arterial disease, with varying results and without any evident breakthrough. A major issue is that treatment should not just induce arterio-/angiogenesis but also act on the inflammatory response that is part of ischemic pathology.

This Special Issue of *Biomedicines* invites papers in all areas of “Angiogenesis” as briefly summarized above.





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Message from the Editor-in-Chief

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